

PATENT
Docket No.265.00090101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant(s): Pasricha et al. |) | Group Art Unit: | 1632 |
| |) | | |
| Serial No.: 09/834,110 |) | Examiner: | Joseph T. Woitach |
| Confirmation No.: 5306 |) | | |
| |) | | |
| Filed: April 12, 2001 |) | | |
| |) | | |
| For: | | <u>TREATMENT OF DISORDERS BY IMPLANTING STEM CELLS AND/OR PROGENY THEREOF INTO GASTROINTESTINAL ORGANS</u> | |

AMENDMENT AND RESPONSE
UNDER 37 CFR §1.116

Assistant Commissioner for Patents
Mail Stop AF
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed March 27, 2003, please amend the above-identified application as follows:

In the Specification

Please replace the paragraph beginning at page 2, line 8, with the following amended paragraph.

The enteric nervous system (ENS) is a part of the peripheral nervous system and consists of neuronal cell bodies, their fibers, and supporting cells located within the wall of the GI tract. These cell bodies are arranged in two major ganglionated plexuses, a peripheral myenteric (Auerbach's) between the circular and the longitudinal muscle layers, and a submucosal (Meissner's) plexus in the submucosal connective tissue between the muscularis mucosa and circular muscle. For the most part, the myenteric neurons provide excitatory (acetylcholine and substance P) and inhibitory (nitric oxide, VIP, CGRP, and ATP) transmitters